Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	290	depolymeriz$ and (electron adj beam)	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S2	32	polysaccharides and (depolymeriz$ and (electron adj beam))	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S3	1902	galactomannan	USPAT; DERWENT	OR	ON	2003/09/28 16:31
S4	14562	xanthan	USPAT; DERWENT	OR	ON	2003/09/28 16:31
S5	3	(polysaccharides and (depolymeriz$ and (electron adj beam))) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2003/09/28 16:31
S6	3	(depolymeriz$ and (electron adj beam)) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2003/09/28 16:31
S7	174	depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)	USPAT; DERWENT	OR	ON	2003/09/28 16:32
S8	0	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and (electron adj beam)	USPAT; DERWENT	OR	ON	2003/09/28 16:33
S9	17	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and radiation	USPAT; DERWENT	OR	ON	2003/09/28 16:37
S10	13	oil adj well adj fracturing adj (compound or agent or component or composition)	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S11	47654	polysaccharides	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S12	11	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan)	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S13	0	depolymeriz$ and ((oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan))	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S14	0	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (depolymeriz$ near6 (polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2003/09/28 16:38
S15	324	depolymeriz$ and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S16	39	polysaccharides and (depolymeriz$ and (electron adj beam))	USPAT; DERWENT	OR	ON	2005/05/31 09:59

S17	2159	galactomannan	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S18	16258	xanthan	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S19	4	(polysaccharides and (depolymeriz$ and (electron adj beam))) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S20	4	(depolymeriz$ and (electron adj beam)) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S21	190	depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S22	2	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S23	19	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and radiation	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S24	14	oil adj well adj fracturing adj (compound or agent or component or composition)	USPAT; DERWENT	OR	ON	2005/05/31 10:44
S25	53894	polysaccharides	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S26	12	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S27	1	depolymeriz$ and ((oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan))	USPAT; DERWENT	OR	ON	2005/05/31 09:59
S28	1	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (depolymeriz$ near6 (polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2005/05/31 10:12
S29	12	(oil adj well adj fracturing adj (compound or agent or component or composition)) and ((polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2005/05/31 10:06
S30	12	S26 and S17	USPAT; DERWENT	OR	ON	2005/05/31 10:01
S31	65431	borate or titanante or zirconate	USPAT; DERWENT	OR	ON	2005/05/31 10:02

S32	0	S30 and S31	USPAT; DERWENT	OR	ON	2005/05/31 10:02
S33	4	S30 and crosslink$	USPAT; DERWENT	OR	ON	2005/05/31 10:03
S34	46852	organometallic	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:04
S35	0	S34 and S30	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:04
S36	742	(molecular adj weight) near dalton	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:05
S37	0	S36 near (S25 or S17 or S18)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:06
S38	3	S36 with (S25 or S17 or S18)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S39	0	(S29 or S30) and S36	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:06
S40	19384	guar adj gum	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S41	50	guar adj splits	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S42	632	guar adj hydroxypropyl	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S43	141	guar adj cationic	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S44	926	guar adj locust adj bean	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08

S45	541	tara adj gum	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:08
S46	355	carboxymethyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:09
S47	217	carboxymethylhydroxypropyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:09
S48	6	cationic adj hydroxypropyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:09
S49	29	carboxyalkyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:09
S50	20291	S40 S41 S42 S43 S44 S45 S47 S47 S48 S49	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/31 10:10
S51	20	S50 and S15	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/31 10:10
S52	6	S50 same depolymerize	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/31 10:21
S53	0	S52 same (electron adj beam)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/31 10:11
S54	14	S50 and S24	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:15
S55	0	S54 and S36	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:12
S56	0	S50 same S36	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:15

S57	1644	S50 same molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:45
S58	4	S57 same dalton	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:15
S59	11	S57 and S24	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:17
S60	5	(("4057509") or ("4031305")).PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/05/31 10:16
S61	0	S59 and S31	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:17
S62	3	S59 and crosslink$	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:17
S63	194	507/200	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:21
S64	33	507/200.ccls. and S50	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:56
S65	23	S64 and molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:22
S66	23	S64 and crosslinking	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:44
S67	5	S65 not S66	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:22
S68	5	S66 not S65	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:41

S69	2	polydispersity with S50	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:42
S70	124028	(hydration or hydrated)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:42
S71	383	S70 with S50	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:42
S72	1	polydispersity with S71	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:43
S73	1	S71 and S24	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:43
S74	2370	(oil with fracturing)	USPAT; DERWENT	OR	ON	2005/05/31 10:44
S75	27	S74 and S71	USPAT; DERWENT	OR	ON	2005/05/31 10:44
S76	16	S75 and crosslinking	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:45
S77	7	S76 and S31	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:45
S78	6	S77 and proppant	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:45
S79	3	S78 and molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:45
S80	33	507/200.ccls. and S50	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:02
S81	802	S50 with (Molecular adj weight)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:59

S82	2	507/200.ccls. and S81	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:01
S83	2	S50 with polydispersity	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:59
S84	28	S50 with depolymerized	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:03
S85	6	S84 with (Molecular adj weight)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 10:59
S86	1	507/200.ccls. and S84	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:01
S87	2	507/200.ccls. and S81	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:02
S88	0	S50 with unpolymerized	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/05/31 11:03
S89	324	depolymeriz$ and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/06/01 13:20
S90	39	polysaccharides and (depolymeriz$ and (electron adj beam))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S91	2159	galactomannan	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S92	16258	xanthan	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S93	4	(polysaccharides and (depolymeriz$ and (electron adj beam))) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S94	4	(depolymeriz$ and (electron adj beam)) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S95	190	depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S96	2	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/06/01 13:16

S97	19	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and radiation	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S98	14	oil adj well adj fracturing adj (compound or agent or component or composition)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S99	53894	polysaccharides	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 0	12	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 1	1	depolymeriz$ and ((oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 2	1	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (depolymeriz$ near6 (polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 3	324	depolymeriz$ and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 4	39	polysaccharides and (depolymeriz$ and (electron adj beam))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 5	2159	galactomannan	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 6	16258	xanthan	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 7	4	(polysaccharides and (depolymeriz$ and (electron adj beam))) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 8	190	depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S10 9	2	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and (electron adj beam)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 0	14	oil adj well adj fracturing adj (compound or agent or component or composition)	USPAT; DERWENT	OR	ON	2005/06/01 13:18
S11 1	53894	polysaccharides	USPAT; DERWENT	OR	ON	2005/06/01 13:16

S11 2	1	depolymeriz$ and ((oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 3	1	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (depolymeriz$ near6 (polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 4	4	(depolymeriz$ and (electron adj beam)) and (galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 5	19	(depolymeriz$ near6 (polysaccharide or galactomannan or xanthan)) and radiation	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 6	12	(oil adj well adj fracturing adj (compound or agent or component or composition)) and (polysaccharides galactomannan xanthan)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 7	12	(oil adj well adj fracturing adj (compound or agent or component or composition)) and ((polysaccharide or galactomannan or xanthan))	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 8	12	S116 and S105	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S11 9	65431	borate or titanante or zirconate	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S12 0	0	S118 and S119	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S12 1	4	S118 and crosslink$	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S12 2	46852	organometallic	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S12 3	0	S122 and S118	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S12 4	742	(molecular adj weight) near dalton	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S12 5	0	S124 near (S111 or S105 or S106)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16

S126	0	(S117 or S118) and S124	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S127	3	S124 with (S111 or S105 or S106)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S128	19384	guar adj gum	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S129	50	guar adj splits	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S130	632	guar adj hydroxypropyl	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S131	141	guar adj cationic	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S132	926	guar adj locust adj bean	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S133	541	tara adj gum	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S134	355	carboxymethyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S135	217	carboxymethylhydroxypropyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S136	6	cationic adj hydroxypropyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S137	29	carboxyalkyl adj guar	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16

S138	20291	S128 S129 S130 S131 S132 S133 S135 S135 S136 S137	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S139	20	S138 and S103	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S140	6	S138 same depolymerize	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S141	0	S140 same (electron adj beam)	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S142	6	S138 same depolymerize	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S143	14	S138 and S110	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S144	0	S143 and S124	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S145	14	S138 and S110	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S146	0	S138 same S124	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S147	1644	S138 same molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S148	4	S147 same dalton	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S149	11	S147 and S110	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16

S150	5	(("4057509") or ("4031305")).PN.	US-PGPUB; USPAT; USOCR; DERWENT	OR	OFF	2005/06/01 13:16
S151	0	S149 and S119	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S152	3	S149 and crosslink$	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S153	194	507/200	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S154	33	507/200.ccls. and S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S155	23	S154 and molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S156	23	S154 and crosslinking	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S157	5	S155 not S156	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S158	5	S156 not S155	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S159	124028	(hydration or hydrated)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S160	2	polydispersity with S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S161	383	S159 with S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16

S16 2	1	polydispersity with S161	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S16 3	1	S161 and S110	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S16 4	2370	(oil with fracturing)	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S16 5	27	S164 and S161	USPAT; DERWENT	OR	ON	2005/06/01 13:16
S16 6	16	S165 and crosslinking	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S16 7	7	S166 and S119	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S16 8	6	S167 and proppant	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S16 9	3	S168 and molecular weight	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S17 0	33	507/200.ccls. and S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S17 1	802	S138 with (Molecular adj weight)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S17 2	2	507/200.ccls. and S171	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S17 3	2	S138 with polydispersity	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S17 4	28	S138 with depolymerized	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16

S175	6	S174 with (Molecular adj weight)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S176	1	507/200.ccls. and S174	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S177	2	507/200.ccls. and S171	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S178	0	S138 with unpolymerized	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:16
S179	88	(low adj molecular adj weight) with S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:17
S180	260	(fractur$) with S138	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:18
S181	345	S179 or S180	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:18
S182	66	(oil near3 fracturing) and S181	USPAT; DERWENT	OR	ON	2005/06/01 13:20
S183	0	(oil near3 fracturing) and S179	USPAT; DERWENT	OR	ON	2005/06/01 13:20
S184	36	depolymeriz$ same S138	USPAT; DERWENT	OR	ON	2005/06/01 13:20
S185	2	(oil near3 fracturing) and S184	USPAT; DERWENT	OR	ON	2005/06/01 13:20
S186	13	("3202556" | "3523048" | "3740360" | "3794115" | "3940297" | "4021355" | "4466890" | "4470915" | "4488975" | "4505826").PN.	US-PGPUB; USPAT; USOCR	ADJ	OFF	2005/06/01 13:21
S187	5	S186 and (molecular adj weight)	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:23
S188	2	S187 and S119	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	OFF	2005/06/01 13:23

| S18 9 | 7 | hydration and S186 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | OFF | 2005/06/01 13:23 |
| S19 0 | 2 | hydration and S188 | US-PGPUB; USPAT; USOCR; DERWENT | ADJ | OFF | 2005/06/01 13:24 |